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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 17, 2003, 11:18:58 ; Search time 60.5096 Seconds
(without alignments)
5580.127 Million cell updates/sec

Title: US-09-807-933B-4

Perfect score: 1101

Sequence: 1 atgaggttactattactac.....caggtgttcaagaataaa 1101

Scoring table: IDENTITY_NUC

Gapop 10.0, Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 382724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database : Issued Patents NA:*

1: /cgn2_6/ptodata/1/ina/5A.COMB.seq:*
2: /cgn2_6/ptodata/1/ina/5B.COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A.COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B.COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PTUS.COMB.seq:*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	194.2	17.6	1473	1	US-08-090-013-3
2	194.2	17.6	1473	1	US-08-081-328-3
3	194.2	17.6	1473	1	US-08-232-249-3
4	194.2	17.6	1473	2	US-08-833-642A-3
5	194.2	17.6	1473	2	US-08-389-423-3
6	194.2	17.6	1473	4	US-09-230-665-3
7	194.2	17.6	1473	4	US-09-189-028-3
8	190	17.3	984	4	US-09-230-665-7
9	181.2	16.5	1423	4	US-08-651-136C-9
10	181.2	16.5	1423	4	US-09-229-911A-9
11	178	16.2	927	3	US-08-651-136C-5
12	178	16.2	927	4	US-09-229-911A-5
13	177.8	16.1	960	4	US-08-651-136C-1
14	177.8	16.1	960	4	US-09-229-911A-1
15	177.8	16.1	1132	4	US-08-651-136C-21
16	177.8	16.1	1132	4	US-09-229-911A-21
17	177.2	16.1	924	4	US-09-189-060B-69
18	176.8	16.1	894	4	US-08-651-136C-3
19	176.8	16.1	894	4	US-09-229-911A-3
20	174.4	15.8	919	4	US-09-189-060B-67
21	166.4	15.1	922	4	US-09-189-060B-65
22	166.4	15.1	1154	4	US-08-651-136C-7
23	166	15.1	1154	4	US-09-229-911A-7
24	163.8	14.9	913	3	US-08-651-136C-13
25	163.8	14.9	913	4	US-09-229-911A-13
26	162	14.7	885	3	US-08-651-136C-23
27	162	14.7	885	4	US-09-229-911A-23

28	161.6	14.7	912	4	US-09-189-060B-71	Sequence 71, Appl
29	158.8	14.4	1174	2	US-08-872-437-1	Sequence 1, Appl
30	158.8	14.4	1174	3	US-08-651-136C-11	Sequence 11, Appl
31	158.8	14.4	1174	4	US-09-229-911A-11	Sequence 11, Appl
32	151.6	13.8	922	4	US-09-189-060B-73	Sequence 73, Appl
33	150.4	13.7	807	4	US-09-230-665-5	Sequence 5, Appl
34	150.4	13.7	1060	1	US-08-090-013-1	Sequence 1, Appl
35	150.4	13.7	1060	1	US-08-081-328-1	Sequence 1, Appl
36	150.4	13.7	1060	1	US-08-232-249-1	Sequence 1, Appl
37	150.4	13.7	1060	2	US-08-921-426-7	Sequence 7, Appl
38	150.4	13.7	1060	2	US-08-833-642A-1	Sequence 1, Appl
39	150.4	13.7	1060	2	US-08-140-008A-3	Sequence 3, Appl
40	150.4	13.7	1060	2	US-08-389-423-1	Sequence 1, Appl
41	150.4	13.7	1060	3	US-08-816-915-7	Sequence 7, Appl
42	150.4	13.7	1060	4	US-09-189-060B-55	Sequence 55, Appl
43	150.4	13.7	1060	4	US-09-230-665-1	Sequence 1, Appl
44	150.4	13.7	1060	4	US-09-189-028-1	Sequence 1, Appl
45	150.4	13.7	1060	5	PCT-US95-07743-7	Sequence 7, Appl

ALIGNMENTS

RESULT 1
US-08-090-013-3
Sequence 3, Application US/08090013
Patent No. 5443750
GENERAL INFORMATION:
APPLICANT: CONVENTS, ANDRE C
APPLICANT: BUSCH, ALFRED
TITLE OF INVENTION: BAECK, ANDRE C
TITLE OF INVENTION: DETERGENT COMPOSITION WITH HIGH ACTIVITY
TITLE OF INVENTION: CELLULASE AND SOFTENING CLAYS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESSES:
ADDRESSEE: THE PROCTER & GAMBLE COMPANY
STREET: 5299 SPRING GROVE AVENUE
CITY: CINCINNATI
STATE: OHIO
COUNTRY: USA
ZIP: 45217
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/090,013
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 91202880.0
FILING DATE: 06-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: PATEL, KEN K.
REGISTRATION NUMBER: 33,988
REFERENCE/DOCKET NUMBER: CM393
TELECOMMUNICATION INFORMATION:
TELEPHONE: 513-627-4437
TELEFAX: 513-627-4854
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1473 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
FEATURE:
NAME/KEY: CDS
LOCATION: 97..1224
US-08-090-013-3
Query Match 17.6%; Score 194.2; DB 1; Length 1473;
Best Local Similarity 59.5%; Pred. No. 2.6e-52;

Matches 372; Conservative 0; Mismatches 238; Indels 15; Gaps 2;

QY 464 GTGGGCTCTGTGTAACGGTGTCACTACTGTTATTTGGGATTTGTTAAGCCCTCCCTGTA 523
 143 GTGCTCTCTGTGTAAGCGGTGTCACTACTGTAATCTGGGATTTGTTGAAGCTCTTGCT 202
 QY 524 GTGGCCCGGTAAAGCGCAATGTCACTGTCCTGTCAGTCTCTGTAACAAAGATGATGTA 583
 203 GTTGGAGCGGAAAGGTGTCTGTCAACGCCCTGCTTTAACTTTGATTAAGAACACAAACC 262
 QY 584 CTGCCCCCTTGTAGTACAGCAATGTCCAAAGTGGCTGTAAAGGTGTAAACAGTTACATGTGTA 643
 263 CCAATTCACACACCAATAGCTGTCAACGGTGTGAAGGATGTGTCTGTCTTATGTGCA 322
 QY 644 AGCAACAACAGCTTGGGCTGTAAAGATTAATCTTGGCCATGTTCCGCTGCTGCA 703
 323 CCAACTACTCTCCCTGGGCTGTCAACGATGAGCTTGCTTAAGCTTTCCGCTGTAACAAAGA 382
 QY 704 TCAAGTGTGGTGAATCTCGCTGGTGTGTCTTGTGTAAGTAACTTCACTTCTTA 763
 383 TCTCCGATGCTCCGAGGCCAGCTGTGTCTGTCTTATGTCTTGAACCTTCAACCACTG 442
 QY 764 CTTCTGTGTGTGAAGAAATGTATCTCAAGTCACTAACTGCTGTGTAATCTTGCT 823
 443 GCCCGGTCAAGGGCAAGAAATGTATGTCTCAAGTCACTGAGAGTGTATCTGCGC- 501
 QY 824 CCTCTACTGTGTCTCACTTGTGCAATGTCCAAATGCCCGGTGTGTGTGTGTATTTTCAATG 883
 502 -----GACAAACCACTTGTATCTCAATGATGCCCGGTGTGTGTGTGTGTGTGTGAG 553
 QY 884 GTTGTCTCAAGCAATGGGTGTCTCCCAATGACGTTGGGCTGTGAAGTACGATGATTT 943
 554 GTTGACCTCTGAGTTGCG-----CAAGGCTCTGCGGCTGTGCCAGTACAGGAGATCT 607
 QY 944 CTTTGCAGTCTGATGTCTGTATCTTCTTCCGCACTTCCAGCTGTGTGTAATGTAGAT 1003
 608 CTTCCGGAAGCAATGTATGTATGCTATCCCGAGCTTCTCAAGAGGTTGCACTGCGGAT 667
 QY 1004 TCAACTGTGTTCAAGAACGCTGTATTAACCCAAAGTATGACTTAAAGAGTAACTGTGCCA 1063
 668 TCGACTGTGTTCAAGAACGCTGTATTAACCCGACTTCACTTGAAGAGTTCAGTGCCCA 727
 Db 1064 AGGAATCAACCGCAAGACAGGTG 1088
 728 AGGCTCTCTCGACATCAAGTATG 752

RESULT 2
 US-08-081-328-3
 ; Sequence 3, Application US/08081328
 ; Patent No. 5520838
 ; GENERAL INFORMATION:
 ; APPLICANT: BAECK, ANDRE C.
 ; APPLICANT: CEULEMANS, RAPHAEL, ANGELINE A.
 ; APPLICANT: BUSCH, ALFRED (NMN)
 ; TITLE OF INVENTION: COMPACT DETERGENT COMPOSITIONS WITH
 ; TITLE OF INVENTION: HIGH ACTIVITY CELLULASE
 ; NUMBER OF SEQUENCES: 4
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: THE PROCTER & GAMBLE COMPANY
 ; STREET: 11810 East Miami River Road
 ; CITY: CINCINNATI
 ; STATE: OHIO
 ; COUNTRY: USA
 ; ZIP: 45253-8707
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/081,328
 ; FILING DATE: 11/19/93

CLASSIFICATION: 252
 ATTORNEY/AGENT INFORMATION:
 NAME: ZERBY, KIM WILLIAM
 REGISTRATION NUMBER: 32,323
 REFERENCE/DOCKET NUMBER: CM356M
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 513-627-2885
 TELEFAX: 513-627-0318
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1473 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 97..1224
 US-08-081-328-3

Query Match 17.6%; Score 194.2; DB 1; Length 1473;
 Best Local Similarity 59.5%; Pred. No. 2.6e-52;
 Matches 372; Conservative 0; Mismatches 238; Indels 15; Gaps 2;

QY 464 GTGGGCTCTGTGTAACGGTGTCACTACTGTTATTTGGGATTTGTTAAGCCCTCCCTGTA 523
 143 GTGCTCTCTGTGTAAGCGGTGTCACTACTGTAATCTGGGATTTGTTGAAGCTCTTGCT 202
 QY 524 GTGGCCCGGTAAAGCGCAATGTCACTGTCCTGTCAGTCTCTGTAACAAAGATGATGTA 583
 203 GTTGGAGCGGAAAGGTGTCTGTCAACGCCCTGCTTTAACTTTGATTAAGAACACAAACC 262
 QY 584 CTGCCCCCTTGTAGTACAGCAATGTCCAAAGTGGCTGTAAAGGTGTAAACAGTTACATGTGTA 643
 203 CTTGGAGCGGAAAGGTGTCTGTCAACGCCCTGCTTTAACTTTGATTAAGAACACAAACC 262
 QY 584 CTGCCCCCTTGTAGTACAGCAATGTCCAAAGTGGCTGTAAAGGTGTAAACAGTTACATGTGTA 643
 263 CCAATTCACACACCAATAGCTGTCAACGGTGTGAAGGATGTGTCTGTCTTATGTGCA 322
 QY 644 AGCAACAACAGCTTGGGCTGTAAAGATTAATCTTGGCCATGTTCCGCTGCTGCA 703
 323 CCAACTACTCTCCCTGGGCTGTCAACGATGAGCTTGCTTAAGCTTTCCGCTGTAACAAAGA 382
 QY 704 TCAAGTGTGGTGAATCTCGCTGGTGTGTCTTGTGTAAGTAACTTCACTTCTTA 763
 383 TCTCCGATGCTCCGAGGCCAGCTGTGTCTGTCTTATGTCTTGAACCTTCAACCACTG 442
 QY 764 CTTCTGTGTGTGAAGAAATGTATCTCAAGTCACTAACTGCTGTGTAATCTTGCT 823
 443 GCCCGGTCAAGGGCAAGAAATGTATGTCTCAAGTCACTGAGAGTGTATCTGCGC- 501
 QY 824 CCTCTACTGTGTCTCACTTGTGCAATGTCCAAATGCCCGGTGTGTGTGTGTATTTTCAATG 883
 502 -----GACAAACCACTTGTATCTCAATGATGCCCGGTGTGTGTGTGTGTGTGTGAG 553
 QY 884 GTTGTCTCAAGCAATGGGTGTCTCCCAATGACGTTGGGCTGTGAAGTACGATGATTT 943
 554 GTTGACCTCTGAGTTGCG-----CAAGGCTCTGCGGCTGTGCCAGTACAGGAGATCT 607
 QY 944 CTTTGCAGTCTGATGTCTGTATCTTCTTCCGCACTTCCAGCTGTGTGTAATGTAGAT 1003
 608 CTTCCGGAAGCAATGTATGTATGCTATCCCGAGCTTCTCAAGAGGTTGCACTGCGGAT 667
 QY 1004 TCAACTGTGTTCAAGAACGCTGTATTAACCCAAAGTATGACTTAAAGAGTAACTGTGCCA 1063
 668 TCGACTGTGTTCAAGAACGCTGTATTAACCCGACTTCACTTGAAGAGTTCAGTGCCCA 727
 Db 1064 AGGAATCAACCGCAAGACAGGTG 1088
 728 AGGCTCTCTCGACATCAAGTATG 752

RESULT 3
 US-08-232-249-3
 ; Sequence 3, Application US/08232249
 ; Patent No. 5610129
 ; GENERAL INFORMATION:

APPLICANT: MCCORRODADLE FINLAY (NMN)
 APPLICANT: BUSCH, ALFRED (NMN)
 TITLE OF INVENTION: DIE TRANSFER INHIBITING COMPOSITIONS
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: THE PROCTER & GAMBLE COMPANY
 STREET: 5299 SPRING GROVE AVENUE
 CITY: CINCINNATI
 STATE: OHIO
 COUNTRY: USA
 ZIP: 45217
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/232,249
 FILING DATE: 05-MAY-1994
 CLASSIFICATION: 510
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: EP 91202882.6
 FILING DATE: 06-NOV-91
 ATTORNEY/AGENT INFORMATION:
 NAME: ALLEN, GEORGE W.
 REGISTRATION NUMBER: 26,143
 REFERENCE/DOCKET NUMBER: CM-395
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 513-627-5946
 TELEFAX: 513-627-8118
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1473 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 97..1224
 US-08-232-249-3

Query Match	Similarity	17.6%	Score 194.2	DB 1	Length 1473
Best Local	Similarity	59.5%	Pred. No. 2.6e-52		
Matches	Conservative	0	Mismatches 238	Indels 15	Gaps 2
QY	464	GTGGTGCTCTGGTAAACGGGTGCTACTACTCGTTATTTGGGATTTGCTGAAGGCTCTCTGTA	523		
Db	143	GTGTGCTCTTTGGAGCGGTCACCTACTACTCGAATACTGGGATTTGTGCAAGCTCTTGTGCT	202		
QY	524	GCTGGCCCCGGTAAAGGCCCAATGTCATGTTCTTCTCTGTAAGTCTGTGTAAACAAGATGGTGTAA	583		
Db	203	CTTGGAGGGAAAGGCTGCTGTCAACGCCCTTGCTTTAACTTGTGATTAAGAACGACAAACC	262		
QY	584	CTGGCCCTTAGTGACAGCAATGTCACAAAGTGCGCTGTAAACGGTGTAAACATTTACATGTGTA	643		
Db	263	CCATTTTCCAAACCAATGCTGTCAACGGTTGTGAAGGATGGTGTCTGTATTATGCTGTGA	322		
QY	644	ACGACAAACCAAGCTTTGGGCTGTAAACGATATCTTGTCCTATAGTCTTCCGCTGCTGTCGA	703		
Db	323	CCAACTACTCTCCCTCGGGCTGTCAACGAATGACTTGCCTTACCGTTTGTGCTGTCAACMAA	382		
QY	704	TCAGTGTGTGTGTGAATCTGCGTGTGTGTGTTCTTGTTCGAACTTACTTTCACCTTCTTA	763		
Db	383	TCTCCGGTGCTCCAGGCGCAAGCTGTGTGCTGTGCTTGTCTATGCTTTGACCTTCCACACTG	442		
QY	764	CCTCTGTTGCTGTGAAGAAAGATGTTATCTCAAGTCACTTAACCTGTGTGTATCTTTGGCT	823		
Db	443	GCCCCGTCAAGGGCAAGAAAGATGATGTCACAGTCCACCAACTGTGAAGGTGATCTCGGCG	501		
QY	824	CCTCTACTGTGTCTACTTTGACTTGTGCAAAATGCCGGTGTGTGTGTGTGATTTTCAATG	883		
Db	502	-----GACAAACACTTTCGATCTCATGATGATGCCGGTGTGTGTGTGTGTGTGATCTTGAAGC	553		

OY	944	CTTGTGCAATCGACTGCTAGTCCTTCCTCCGACATTCGAAGCTGGTTGTAATGGAGAT	1003
Dd	608	CCTCCCGAAGGAAATGATATGATTACCACCGAGTTTTCAGAAGACGGTGCCACTGGCGCAT	667
OY	1004	TCAAATGTTTCAAGAAGCGTGATATAACCCMAAGATGACTTACAAGAAATTACGTGCCA	1065
Dd	668	TCGACTGGTTTGAAGAACGCCGCAACAACCTTGACTTCACTTGTGACACAGSTTCAGTGCCECA	727
OY	1064	AGGAATCAGCCGCAAGACAGTTG	1088
Dd	728	AGGCTCTCTCGACATCATGTGGATG	752

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Db 143 GTGCTGCTTCTGGAAGCGGTCACTCTACTCTGATCTGGAATGCTGCAAGCCTTCTTCT 202
Qy 524 GGTGCGCCGGTGAAGCCCAATGTCATGTTCTCTGTCATGCTCTGTAACAAAGATGATGTC 583
Db 203 CTTGGAGCGGAAGGCTGCTGTCACAGCCCTGCTTAACTTGATGAAGAACACCAACC 262
Qy 584 CTGCGCTTGAAGACAGCAATGTCACAAAGTGTGTAAGCGGTGAACAGTTACATGTGA 643
Db 263 CCATTTCACACACCAATGCTGTCAACCGTTGAGAGGTGGTGTCTGCTTAATGCTGCA 322
Qy 644 AGCAACACCAAGCTTGGGCTGTAACAGATATCTTGCCCTAATGTTCCGCTGCTGCCA 703
Db 323 CCAACTACTCTCTCGGCTGTCAACAGATGATGCTGCTGCTTGAACCTTCACTGCAAGA 382
Qy 704 TCAGTGTGATGATGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 763
Db 383 TCTCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 442
Qy 764 CTTCTGCTGCTGTAAGAAATGATGATGATGATGATGATGATGATGATGATGATGATG 823
Db 443 GCCCGCTCAAGGCGCAAGAGATGATGATGATGATGATGATGATGATGATGATGATG 501
Qy 824 CTTCTACTGCTGCTCACTTGTGCTCAATGCGCGGTGATGATGATGATGATGATGATG 883
Db 502 -----GACACCACTTGTGATGATGATGATGATGATGATGATGATGATGATGATG 553
Qy 884 GTTGTCTCAAGCAATGAGGTGCTCCCAATGACGTTGGGCTGCAATACGTTGATTT 943
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Qy 944 CTTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1003
Db 608 CTTCCGAAGGAAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 667
Qy 1004 TCAACTGCTTCAAGAACGCTGATTAACCAAGATGATTAACAAGAAATTAAGTTACTG 1063
Db 668 TCGACTGCTTGAAGAACGCGCAACCTGATCACTTGAAGAGTTCAAGTTGCGCA 727
Qy 1064 AGGAATACCGCCCAAGACAGTTG 1088
Db 728 AGGCTCTCTGACATCAGTGAATG 752

RESULT 5
; Sequence 3, Application US/08389423
; Patent No. 5948672

GENERAL INFORMATION:

APPLICANT: Rasmussen, Grethe
APPLICANT: Mikkelson, Jan Moller
APPLICANT: Schuelein, Martin
APPLICANT: Patkar, Shankant A.
TITLE OF INVENTION: A Cellulase Preparation Comprising an
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESS: No. 59486720 No. 5948672disk of No. 5948672th America, Inc.
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/389,423
FILING DATE: 14-FEB-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 3469,214-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1473 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Pseudium oxysporum
STRAIN: DSM 2672
FEATURE:
NAME/KEY: CDS
LOCATION: 97..1224
US-08-389-423-3

Query Match 17.6%; Score 194.2; DB 2; Length 1473;
Best Local Similarity 59.5%; Pred. No. 2,6e-52;
Matches 372; Conservative 0; Mismatches 238; Indels 15; Gaps 2;

Qy 464 GTGCTGCTTCTGGAAGCGGTCACTCTACTCTGATCTGGAATGCTGCAAGCCTTCTTCT 523
Db 143 GTGCTGCTTCTGGAAGCGGTCACTCTACTCTGATCTGGAATGCTGCAAGCCTTCTTCT 202
Qy 524 GGTGCGCCGGTGAAGCCCAATGTCATGTTCTCTGTCATGCTCTGTAACAAAGATGATGTC 583
Db 203 CTTGGAGCGGAAGGCTGCTGTCACAGCCCTGCTTAACTTGATGAAGAACACCAACC 262
Qy 584 CTGCGCTTGAAGACAGCAATGTCACAAAGTGTGTAAGCGGTGAACAGTTACATGTGA 643
Db 263 CCATTTCACACACCAATGCTGTCAACCGTTGAGAGGTGGTGTCTGCTTAATGCTGCA 322
Qy 644 AGCAACACCAAGCTTGGGCTGTAACAGATATCTTGCCCTAATGTTCCGCTGCTGCCA 703
Db 323 CCAACTACTCTCTCGGCTGTCAACAGATGATGCTGCTGCTTGAACCTTCACTGCAAGA 382
Qy 704 TCAGTGTGATGATGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 763
Db 383 TCTCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 442
Qy 764 CTTCTGCTGCTGTAAGAAATGATGATGATGATGATGATGATGATGATGATGATGATG 823
Db 443 GCCCGCTCAAGGCGCAAGAGATGATGATGATGATGATGATGATGATGATGATGATG 501
Qy 824 CTTCTACTGCTGCTCACTTGTGCTCAATGCGCGGTGATGATGATGATGATGATGATG 883
Db 502 -----GACACCACTTGTGATGATGATGATGATGATGATGATGATGATGATGATG 553
Qy 884 GTTGTCTCAAGCAATGAGGTGCTCCCAATGACGTTGGGCTGCAATACGTTGATTT 943
Db 554 GCTGCACTCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 607
Qy 944 CTTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1003
Db 608 CTTCCGAAGGAAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 667
Qy 1004 TCAACTGCTTCAAGAACGCTGATTAACCAAGATGATTAACAAGAAATTAAGTTACTG 1063
Db 668 TCGACTGCTTGAAGAACGCGCAACCTGATCACTTGAAGAGTTCAAGTTGCGCA 727
Qy 1064 AGGAATACCGCCCAAGACAGTTG 1088
Db 728 AGGCTCTCTGACATCAGTGAATG 752

RESULT 6

US-09-230-665-3
; Sequence 3, Application US/09230665
; Patent No. 6322595/
; GENERAL INFORMATION:
; APPLICANT: Boyer, Stanton L
; TITLE OF INVENTION: Detergent Composition Comprising Two Cellulase
; FILE REFERENCE: 6191 Sequence Listing (8 Sequences)
; Patent No. 6322595
; CURRENT APPLICATION NUMBER: US/09/230, 665
; CURRENT FILING DATE: 1999-01-29
; EARLIER APPLICATION NUMBER: 60/023,125
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 3
; LENGTH: 1473
; TYPE: DNA
; ORGANISM: Fusarium oxysporum
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (97)..(1224)
US-09-230-665-3

Query Match 17.6%; Score 194.2; DB 4; Length 1473;
Best Local Similarity 59.5%; Pred. No. 2.6e-52;
Matches 372; Conservative 0; Mismatches 238; Indels 15; Gaps 2;

QY 464 GTGGTGCCTCTGTGAACGGTGTCACTACTGTTATTTGGAGTTGCTGAAGGCTCTCTGTGA 523
DB 143 GTGCTGCTTCTGGAAGCGGTCACTACTGATCTGGAGTTGCTGCAAGCCTTCTTGCT 202
QY 524 GCTGGCCCGGTGAAGCCAAATGCTAGTTCTCTGTCAAGTCTCTGTGAACAAGATGTGTGA 583
DB 203 CTGGAAGGGAAGAGCGTGTGTCAACGCCCTGTCTTAACCTGTATGAAGACCAACC 262
QY 584 CTGCGCTTATGAGACGACATGTCCAAAGTGTGCTGAACGGTGTGAACAGTTACATGTGTA 643
DB 263 CCATTTCCACACCAATGCTGTCAACGGTTGTGAAGGTTGCTTGTCTTATGCTTGA 322
QY 644 ACGACAAACAGCCTTGGGCTGTAAACGATTAATCTTGCCTTATGTTGCTGTGCTGCA 703
DB 323 CCAACTACTCTCCGCGGCTGTCAACGATGAGCTTGCCTTACGGTTGCTGCTCAAGA 382
QY 704 TCAAGTGTGTGTGAATCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 763
DB 383 TCTCCGGTGTGTGAGGCGCAGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 442
QY 764 CCTGTGTGTGTGTGAAGATGTTATCAAGTCACTAACAAGTGTGTGTGTGTGTGTGTGT 823
DB 443 GCCCGGTGAAGGCAAGATGATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 501
QY 824 CCTGTGTGTGTGTCACTTGTCAATGTCCCGGTGTGTGTGTGTGTGTGTGTGTGTGTGT 883
DB 502 -----GACACCACTTGCATCTCATGATGCCGGGAGGTGTGTGTGTGTGTGTGTGTGT 553
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DB 554 GCTGCACCTCTGAGTTTCG-----CAAGGCTCTGTGAGGCGGTGTGTGTGTGTGTGTGT 607
QY 944 CTTCGTGATGTGATGCTCTATGTCTTCTTCGCACTCAAGCTGTGTGTGTGTGTGTGTGT 1003
DB 608 CTTCCGGAAGGATGTATGATGCTACCCGAGCTTCTTAAGGACGTTGTGTGTGTGTGTGTGT 667
QY 1004 TCAACTGTGTGAAGACGCTGTATTAACCAAGATGATCTTAAGAGTAAGTGTGTGTGT 1063
DB 668 TCGACTGTGTGAAGAGCGCGCAACCTGTGACTTCACTTTGAGTAGGTGTGTGTGTGTGT 727
QY 1064 AGGAATATCAAGCCCAAGACAGTTG 1088
DB 728 AGGCTCTCTCGACATCAGTGTGATG 752

RESULT 7

US-09-189-028-3
; Sequence 3, Application US/09189028
; Patent No. 6423524
; GENERAL INFORMATION:
; APPLICANT: Raemussen, Grethe
; APPLICANT: Mikkelson, Jan Moller
; APPLICANT: Schulten, Martin
; APPLICANT: Patkar, Shankant A.
; APPLICANT: Hagen, Fred
; TITLE OF INVENTION: A Cellulase Preparation Comprising an
; TITLE OF INVENTION: Endoglucanase Enzyme
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 64235240 No. 6423524disk of No. 6423524th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/189,028
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/389,423
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 3469, 214-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1473 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Fusarium oxysporum
; STRAIN: DSM 2672
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 97..1224
US-09-189-028-3

Query Match 17.6%; Score 194.2; DB 4; Length 1473;
Best Local Similarity 59.5%; Pred. No. 2.6e-52;
Matches 372; Conservative 0; Mismatches 238; Indels 15; Gaps 2;

QY 464 GTGGTGCCTCTGTGAACGGTGTCACTACTGTTATTTGGAGTTGCTGAAGGCTCTCTGTGA 523
DB 143 GTGCTGCTTCTGGAAGCGGTCACTACTGATCTGGAGTTGCTGCAAGCCTTCTTGCT 202
QY 524 GCTGGCCCGGTGAAGCCAAATGCTAGTTCTCTGTCAAGTCTGTGAACAAGATGTGTGA 583
DB 203 CTGGAAGGGAAGAGCTGTGTCAACGCCCTGTCTTAACCTGTGTGAAGACCAACC 262
QY 584 CTGCGCTTATGAGACGACATGTCCAAAGTGTGTGAACGGTGTGAACAGTTACATGTGTA 643
DB 263 CCATTTCCACACCAATGCTGTCAACGGTTGTGAAGGTTGTGTGTGTGTGTGTGTGTGCA 322
QY 644 ACGACAAACAGCCTTGGGCTGTAAAGATTAATCTTGCCTATGTTGCTGTGCTGTGCA 703

TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 1423 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 110..1156
US-08-651-136C-9

Query Match 16.5%; Score 181.2; DB 3; Length 1423;
Best Local Similarity 59.5%; Pred. No. 3,8e-48;
Matches 369; Conservative 0; Mismatches 233; Indels 18; Gaps 3;

469 GCCTCTGTAAAGGTCCTGCTGTTATGAGTTCCTGTAAGGCTCTGTAGCTGG 528
170 GCCTCGGCAAAAGGCCAACACCCGCTACTGAGTTCCTGCAAGACTTCTGGCGCATGG 229
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287 ATCTGCAATGCCCAAGCCAGAGCGGCTGCGAGCGGCGGCGGCTGTACCAAC 346
649 AACCAAGCTTGGGCTGTAAAGCAATATCTTGGCTATGCTTCTGCTGCTGCTGCTGCT 708
347 AATTCCTTGGGCGGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 406
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752 CTCATTCGCGTCTCTGCGTG 771

Thara, Michiko
Takagi, Shinobu
TITLE OF INVENTION: No. 6387690e1 Endoglucanases
NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 63876900 No. 6387690disk of No. 6387690th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/229,911A
FILING DATE: 13-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/651,136
FILING DATE: 21-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Lambirth, Blass J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4366.200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655

INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 1423 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 110..1156
US-09-229-911A-9

Query Match 16.5%; Score 181.2; DB 4; Length 1423;
Best Local Similarity 59.5%; Pred. No. 3,8e-48;
Matches 369; Conservative 0; Mismatches 233; Indels 18; Gaps 3;

469 GCCTCTGTAAAGGTCCTGCTGTTATGAGTTCCTGTAAGGCTCTGTAGCTGG 528
170 GCCTCGGCAAAAGGCCAACACCCGCTACTGAGTTCCTGCAAGACTTCTGGCGCATGG 229
529 CCCGGTAAGGCAATGTCACTTCTCTGCAAGTCTCTTAACAAAGATGTGTACCTGCC 588
230 GAGGCAAGGATCGCTCTCGAGCTCTGACCTGTAAACAGCA---GGACAAACCC 286
589 CTTAGTGAAGCAATGTCAAGTGTCAAGTGTCAAGTGTCAAGTGTCAAGTGTCAAGTGT 648
287 ATCTGCAATGCCCAAGCCAGAGCGGCTGCGAGCGGCGGCGGCTGTACCAAC 346
649 AACCAAGCTTGGGCTGTAAAGCAATATCTTGGCTATGCTTCTGCTGCTGCTGCTGCTGCT 708
347 AATTCCTTGGGCGGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 406
709 GGTGTGTGAATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 768
407 GCGGCACTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 466
769 GTTGTGTGAAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 828
467 GTGCTGCAAGAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 523
829 ACTGTGTCACTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 888

Db 524 -----MACCATTTGACCTGATGATTCGCGGTGAGGCTCGGCATCTTTGACGTTGC 577
QY 889 TCCAGCAATGGGGTGTCTCCCAATGACGGTTGGGGCTCGAGATGACGGTATTTCTTCT 948
Db 578 TCGGCTACGTTGGCAACTTCTTCCC-----GGCAGCGTTACGAGAGGTTTCCGCC 631
QY 949 GCATCTGACGCTCTAGTCTTCTTCCGACCTCCAGCTGCTTGAATGAGATTTCAAC 1008
Db 632 CGCTTCATGCGATGCGATGCGCCGAGCTTGAAGAAGCGTTGCGCAGTTCGAC 691
QY 1009 TGGTTCAAGACCGCTATTAACCAAGCATGACTTCAAGAAAGTACCTGCCAAGGAA 1068
Db 692 TGGTTCAAGAACTCAACCAACCTGACATGAGTTGAGACAGTCCAGTGTCCCAAGAG 751
QY 1069 ATCAGCGCCCAAGACAGTTG 1088
Db 752 CTGATTGCGGTCTCTGGGTG 771

RESULT 11

US-08-651-136C-5
; Sequence 5, Application US/08651136C

; Patent No. 6001639

; GENERAL INFORMATION:

; APPLICANT: Schuelein, Martin

; APPLICANT: Andersen, Lene N.

; APPLICANT: Lassen, Soren F.

; APPLICANT: Kauppinen, Markus S.

; APPLICANT: Lange, Lene

; APPLICANT: Nielsen, Ruby I.

; APPLICANT: Ihara, Michiko

; APPLICANT: Takagi, Shinobu

; TITLE OF INVENTION: No. 6001639el Endoglucanases

; NUMBER OF SEQUENCES: 109

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: No. 60016390 No. 6001639disk of No. 6001639th America, Inc.

; STREET: 405 Lexington Avenue, 64th Floor

; CITY: New York

; STATE: New York

; COUNTRY: United States of America

; ZIP: 10174-6401

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/651,136C

; FILING DATE: 21-MAY-1996

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Lambiris, Elias J.

; REGISTRATION NUMBER: 33,728

; REFERENCE/DOCKET NUMBER: 4366-200-US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 212-867-0123

; TELEFAX: 212-878-9655

; INFORMATION FOR SEQ. ID NO: 5:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 927 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: CDNA

; FEATURE:

; NAME/KEY: CDS

; LOCATION: 1..924

; US-08-651-136C-5

Query Match 16.2%; Score 178; DB 3; Length 927;
Best Local Similarity 58.7%; Pred. No. 3,1e-47;
Matches 370; Conservative 0; Mismatches 245; Indels 15; Gaps 3;

QY 471 CTCTGTAACGGTGTCACTACTGTTATTTGGATTGCTGTAAGCCCTCTGAGCTGGCC 530
Db 60 CTGGGGATCGGGCAGAGCAGCCGGTACTGGGACTGCTGGAGCCGAGCGCTGGCC 119
QY 531 CGGTAAAGCCAAATGTCACTTCTCTGTCAGAGTCTGTAAACAAAGATGTCACTGCCCT 590
Db 120 CGGCAAGGGGCC---CTGCTCTCGGTGACAGGCTCTGGACAAAGAACAGCAACCGCTGMA 176
QY 591 TATGTACAGCAATGTCCAAAGTGGCTGTACCGTGTAAAGT---TACATGTGTAAAGA 647
Db 177 CGAGCGCGGCTCCACCCGGTCCGGCTGGCGACGCGGCGGACGCGCTACATGTCTCTC 236
QY 648 CAACAGCTTGGGCTGTAAAGATATCTTCCATATGCTTGGCTGTGCTGCAACAG 707
Db 237 CCAGAGCCCTCGGCGCTGACAGAGAGCTGTGACGCTGGGCGGCGGCTGCAAGCTGC 296
QY 708 TGGTGTGTGATATCTCGCTGTGCTGTCTTCTGTTTCAACTTACTTACTTACTC 767
Db 297 CGGAGCTCGAGTCCGAGTGTGTGCTGCGCTGTACAGAGTCACTTACACAGCGGCGC 356
QY 768 TGTGTGTGTAAAGATGTATCCAGTCACTAAGTCTGAGTGTGATCTTGGCTCTC 827
Db 357 GGTGCGGGCAGAGATATGTGACAGCGACCAACCGGTGGCGACCTGGGC-----411
QY 828 TACTGTGCTCACTTGTGATGCAATGCGCGTGTGTGTGTGTATTTCAATGTG 887
Db 412 ---GACACACCTTGTGACTGTGACATCCCGGTGGCGGTGTGGATTTTCAAGCGCTG 467
QY 888 TCCAGCAATGGGGTGTCTCCCAATGACGGTTGGGCTGGAATACGGTGTATTTCTTC 947
Db 468 CACGACCAAGTACGGCGCTCCCGGAAACGGCTGGGCGACCGCTACGGGCGATCATTC 527
QY 948 TGCATCTGACTGTCTGTAGTCTTCTTCCGACCTCCAGCTGTGTGTAAATGAGATTCA 1007
Db 528 CAAGAAAGTGCATATCTTCCGAGGCGCTTCAAGCCCGGTGCAACTGGGCGTTTCA 587
QY 1008 CTGTTCAAGAACCGCTGATTAACCAAGCATGACTTACAGAAAGTATCTGTCCCAAGAA 1067
Db 588 CTGTTCCAAAGCCGCAACCCGATGATCTTCCAGAGGCGCTTCCAGAGGTGCGCTCGGA 647
QY 1068 AATCAGCCCAAGACAGTTGTTCAAGAA 1097
Db 648 GCTCAGTCCAAAGCGGCTGTCTCCGTTAA 677

RESULT 12
US-09-229-911A-5
; Sequence 5, Application US/09229911A
; Patent No. 6387690
; GENERAL INFORMATION:
; APPLICANT: Schuelein, Martin
; APPLICANT: Andersen, Lene N.
; APPLICANT: Lassen, Soren F.
; APPLICANT: Kauppinen, Markus S.
; APPLICANT: Lange, Lene
; APPLICANT: Nielsen, Ruby I.
; APPLICANT: Ihara, Michiko
; APPLICANT: Takagi, Shinobu
; TITLE OF INVENTION: No. 6387690el Endoglucanases
; NUMBER OF SEQUENCES: 109
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 63876900 No. 6387690disk of No. 6387690th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:


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Db      469 GGTGGCGGGCAGAGATGATGTGACGCGACCAACCGGATGCGACCTGGG----- 523
QY      828 TACTGTGCTCACTTGTGATGCAATGCGCGGTGTGTGTGTATTTTCAATGTGTG 887
Db      524 ---GACAACCACTTGAAGCTGCGCATCCCGGTGGCGGTGTGTGTATTTTCAAGCGCTG 579
QY      888 CTCGACGCAATGGGAGTCTTCCCAATGACGCTTGGGCTGTGAGATTCGCTGTATTTCTC 947
Db      580 CACGACCAAGTACGCGCTCCCGCAACGCTGGGCGACGCTACGCGGCGATCATTTC 639
QY      948 TGCATCTGACTCTGCTAAGTCTTCTCCGACCTCCAGCTGTGTGTAATGAGATTCAA 1007
Db      640 CAAGGAAGATGTGGAATCTTCCCGAGAGCCCTTCAAGCCGCGTGAAGCTGCTTCA 699
QY      1008 CTGCTTCAAGAGCGCTGATTAACCCAGATGACTTACAGAAATTACTGTCTCCAGAGA 1067
Db      700 CTGCTTCAAGAGCGCGACCAACCGCTGCTGCTTCAAGAGTGTGCTGCTGCTGCA 759
QY      1068 AATCACCGCCAGACAGCTGTGTTCAAGAAATA 1100
Db      760 GCTCAGCTCCAGAGCGGCTGCTCCGTTAAGA 792

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RESULT 14
US-09-229-911A-1
; Sequence 1, Application US/09229911A
; Patent No. 6387690
; GENERAL INFORMATION:
; APPLICANT: Schuelein, Martin
;              Andersen, Lene N.
;              Lassen, Soren F.
;              Kauppinen, Markus S.
;              Lange, Lene
;              Nielsen, Rudy I.
;              Ihara, Michiko
;              Takagi, Shinobu
; TITLE OF INVENTION: No. 6387690e1 Endoglucanases
; NUMBER OF SEQUENCES: 109
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6387690 No. 6387690disk of No. 6387690th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/229,911A
; FILING DATE: 13-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/651,136
; FILING DATE: 21-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 4366,200-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 960 base pairs
; TYPE: nucleic acid

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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 113..787
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-229-911A-1

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Query Match      16.1%; Score 177.8; DB 4; Length 960;
Best Local Similarity 58.6%; Pred. No. 3.7e-47;
Matches 371; Conservative 0; Mismatches 247; Indels 15; Gaps 3;

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QY      471 CTCTGTGAACGCTGTGCTACTCTGTTATTTGAGATTCCTGTGAAGCCCTCTGTAGTGGCC 530
Db      172 CTCGGGCATCGGCGACAGACCCGGTACTGTGAGCTGTGCAAGCCGATCGCTGGCC 231
QY      531 CGGTAAAGCCATGTCAGTTCCTGTCAAGTCTGTAAACAAAGATGCTGCTGCTCCCT 590
Db      232 CGGCAAGGAGCC--CTGCTTCCGGTGAAGCCCTGTGCAAGAACCAACCCGCTCAA 288
QY      591 TAGTGAACAGCAATGTCCAAAAGTGGCTGTAAAGCTGTAAAGT--TACATGTGAACA 647
Db      289 CAGAGGCGGTCCACCGCGGTCCGACGACGCGGCGGCGAGCGCTACATGTGCTCTC 348
QY      648 CAACAGCCTTGGGCTGTAAAGATTAATCTTGCCTATGTTTGTGCTGCTGCTCATAG 707
Db      349 CCAAGCCCTTGGGCGGTGAAGCAAGCTGTGTAAGCTGTGAGCTGTGAGCTTCAAGCGCTGC 408
QY      708 TGTGTGTGATGATCTGCTGTGCTGTCTTCTTGTTCGAATTAATTACTTCACTTCACTC 767
Db      409 CGGAGCTCCGAGATCGAGTGTGTGCTGCGCTGTGCTGAGCTTCAAGCGGAGCC 468
QY      768 TGTGCTGTGAAGATGTTATCCAAATCACTGATCACTGAGTGTGATCTTGGCTCTC 827
Db      469 GGTGCGGGGCAAGAGATGTGTGAAGGACCAACACCGGTGCGACCTGGG----- 523
QY      828 TACTGTGCTCACTTGTGCAAAATGCCGAGTGTGTGTGTGTATTTTCAATGATGTTG 887
Db      524 ---GACAACCACTTGAAGCTGCGACATCCCGGTGCGGTGTGTGTATTTTCAAGCGCTG 579
QY      888 CTCGACGCAATGGGAGTCTCCCAATGACGCTTGGGCGTGAATGAGTGTATTTCTTC 947
Db      580 CACGACCAAGTACGCGCTCCCGCAACGCTGGGAGACCGCTGAGCGGAGATTCATTTC 639
QY      948 TGCATCTGACTCTGCTAAGTCTTCTTCCGCACTTCAAGCTGTGTGAATGAGATTCAA 1007
Db      640 CAAGGAAGATGTGGAATCTTCCCGAGAGCCCTTCAAGCCGCGTGAAGCTGCTTCA 699
QY      1008 CTGCTTCAAGAGCGCTGATTAACCCAGATGACTTACAGAAATTACTGTCTCCAGAGA 1067
Db      700 CTGCTTCAAGAGCGCGACCAACCGCTGCTGCTTCAAGAGTGTGCTGCTGCTGCA 759
QY      1068 AATCACCGCCAGACAGCTGTGTTCAAGAAATA 1100
Db      760 GCTCAGCTCCAGAGCGGCTGCTCCGTTAAGA 792

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RESULT 15
US-08-651-136C-21
; Sequence 21, Application US/08651136C
; Patent No. 6001639
; GENERAL INFORMATION:
; APPLICANT: Schuelein, Martin
;              Andersen, Lene N.
;              Lassen, Soren F.
;              Kauppinen, Markus S.
; APPLICANT: Lange, Lene
;              Nielsen, Rudy I.
; APPLICANT: Ihara, Michiko
;              Takagi, Shinobu
; TITLE OF INVENTION: No. 6001639e1 Endoglucanases
; NUMBER OF SEQUENCES: 109

```

CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 60016390 No. 6001639disk of No. 6001639th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/651.136C
FILING DATE: 21-MAY-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4366.200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 1132 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 42..971
US-08-651-136C-21

Query Match 16.1%; Score 177.8; DB 3; Length 1132;
Best Local Similarity 57.8%; Pred. No. 4.1e-47;
Matches 383; Conservative 0; Mismatches 262; Indels 18; Gaps 3;

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Db 50 CTCGCAAGTCTCTCATCGGCTCTGTGCGCGGTGTGCGCCCGCAGTCTCTGCGACCGCGG 109
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Qy 546 CAGTCTCTCTGCAAGTCTCTGTAACAAGATGTGTCACTGCTTAACTGACAGCAATGT 605
Db 170 CAGCGAGCCCGTCAAGAGATGTGATAGGAACAACCTCTCTGTCACAGGCGCAGAG 229
Qy 606 CCAAAGTGGCTGTAACGGTGTGAACATTACATGTGTACGACACAGCCTTGGGCTGT 665
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Qy 666 AAACGATAATCTGCTGATGTTTGGCTGCTGCTGCATGAGTGTGGTGTGATCTCG 725
Db 287 CAACGATTAACCTGGCTATGTTGTTGCTGCAAGGCTTTCAGTGTGATTCGAGGCCAG 346
Qy 726 CTGGTCTGTTCTTTTTCGAATTAATTCACTTCACTTCTGTTGCTGTGAAGAGAT 785
Db 347 CTGGTCTGCTGCTGCTATGCTTCAAGTCACTCCGCGCTCTTGGGGGAAAGACAT 406
Qy 786 GGTATTCAGTCACTAACACTGTGTGTGATTTGGCTCTCTACTGCTCTCACTTTGA 845
Db 407 GGTCTCTCAGTTCGAACAACCGCGCGGACCTCAGC-----GGCAACCACTTTGA 457
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Qy 906 TCCCAATGACGGTGTGGGCTCGAGATACGATGTATTTCTTCGATCTGACTGCTTAG 965

Db 518 CAGCTTCCCGGAAACCGC-----TACGGCGGACCAACGACCGCAGTCTCCCA 571
Qy 966 TCTTCTTCCGCACTCCAGCTGTGTAAATGAGATTCAACTGTTCAGAAAGCTGA 1025
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Qy 1086 TTG 1088
Db 692 CTG 694

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Job time : 63.5096 secs

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